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| **Executive Summary** |
| **A Highly efficient & Innovative Professional with 8+ years of diversified Industry experience in Information Technology including 3+Yrs of Data Science & Analytics..**   * Worked with teams, involved in creating full scale data solutions and industry specific products * Proficient in understanding and analyzing of **data pertaining to various domains** * **Excellent Domain Knowledge in Business areas of Real Estate-Property, Financials, SCM, Facilities Management, CRM.** * An effective communicator and **Story board teller** * **Former ERP Consultant with remarkable quality deliveries for Oracle Applications, Roll-Outs, Upgrades, Operational Support, Cloud Implementations & Project Management in Dubai for 6+yrs playing Client role.,** |
| **Data Science Skills** |
| |  | | --- | | **Business Statistics** | | * Descriptive Statistics, Inferential Statistics, Predictive Analytics * EDA, Test of Hypothesis, Model validation & Diagnostic |  |  |  | | --- | --- | | **Machine Learning** | **Deep Learning** | | * K-Means Clustering * Association rule mining * Decision tree * Random Forest * Naive Bayes Classifier. * Linear Regression * Logistic Regression * Support Vector Machines | * Artificial Neural Networks * Convolutional Neural Networks * Recurrent Neural Network * Time Series Analysis |  |  |  | | --- | --- | | **R** | **Python** | | * R Studio * Data import * ggplot2 * caret * dplyr * Rmarkdown | * Anaconda * Numpy * SciPy * Matplotlib * Pandas |  |  |  | | --- | --- | | **Big Data Eco Systems** |  | | * Hadoop * Map Reduce * HDFS | * Hive * Pig * Sqoop * **Spark** |  |  | | --- | | **Business Intelligence** | | * Tableau * OBIEE | | **Technical Skills** | | * Microsoft Office Suite Visio, MS-Projects, Word, Excel, PowerPoint. * Report Tools Data loader ,XML Publisher, Reports 10g,Discovere4i * Databases Oracle 11g * Service Desk BMC Remedy * Utilities Toad,Winscp3 & * Applications Oracle Apps R12,Fusion R12,Siebel Crm,Power Builder | |

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| **Certifications** |
| * Data Science with R & Python from DATA CAMP * Diploma in Data Science & Big Data Analytics N.I.T * 1Z0-051 Oracle Database 11g: SQL Fundamentals * 1Z0-147 - Program with PL/SQL * PMI PMP- Successfully acquired 35 PDU’S from Grey Campus * ITIL V3 Certified (Foundation Certificate in IT Service Management) |

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| **Education** | | |
| **Year** | **Institute** | **Course** |
| **2009** | **Mahatma Gandhi Inst. Technology** | **B.Tech in Computer Science Engineering** |

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| **Employment Summary** | | |
| **Year** | **Designation** | **Company** |
| **July 2015-Prsnt** | **Sr. Data Scientist** | **First Tech (Dubai/India)** |
| **July 2012- Jun2015** | **Sr. Oracle apps Consultant** | **Sphere Technologies Fze (Dubai,U.A.E)** |
| **June 2009- Jun2012** | **Sr.System Analyst** | **SOG Technologies (Dubai/India)** |

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| **Projects** | |
| **Project 1** | **Healthcare Analytics** |
| **Description** | This project deals with trauma cases coming to hospital for treatment. The main objective is to find out the relationship and association between injury types. By using these hidden relations, associations & patterns doctors/physicians recommend different tests and scanning |
| **Responsibilities** | * Cleaned & transformed the data to do required analysis (**By using “dplyr”, “tidyr”** packages) * Performed **chi-square test analysis** to check tests of independence * Used "**apriori**" algorithm **to mine the strong association rules(ARM)** * **Used supervised & unsupervised modeling techniques using R/Python** * Built multiple models to predict injury types& cause of death by using **“caret”package** * Performed Classification using **Deep Learning, Artificial Neural Networks** * Performed **AUC & ROC** analysis of models built * Compared classification models with Logistic, Decision trees, Random Forests, & SVM techniques * Also performed Regression analysis * Created various functions, which will give detailed summary reports * Used **R markdown** to turn analyses into high quality documents, reports, presentations and dashboards |
| **Project 2** | **Telecommunication Analytics** |
| **Description** | This project deals with voice connectivity and call drop problems. The main objective is to find out the reasons for call drops and voice connectivity problems. Built a classification regression model to predict call drop |
| **Responsibilities** | * Used base R graphics for exploratory analysis * Used **ggplot2 for explanatory analysis** * Used data imputation techniques for missing data * Performed **multi colinearity analysis** to find out and handle highly correlating independent variables * Find out the important variables causing call drops * Performed reduction of variable dimensionality by using **scaling and PCA** * Built a model to predict call drops by using machine learning algorithms(Used ensemble models) * Used **confusion matrix** to interpret the output * Used **ROC and AUC** for model performance * Handled over fitting in predictive models * Used R markdown to turn analyses into high quality documents, reports, presentations and dashboards |
| **Project 3** | **Customer Behavior Analytics** |
| **Description** | This project deals with ML generated data to understand the behavior of customers in different locations using EDA techniques |
| **Responsibilities** | * Used **K-means clustering** techniques * Determining the important variables by using **decision trees and Random forest** * Detected and handled outliers while preprocessing * Used multi-co linearity analysis to understand the highly correlating variable * Visualization is done by ggplot2 * Build a predictive model by using **ensemble model** techniques |